

Converting Colors

CIELCh(68, 14.100, 198.264)

Have a look what the booklet for
CIELCh(68, 14.100, 198.264)
contains.

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Color

CIELCh(68, 14.109, 198.259)

Conversions

Conversions Part 1

Format	Color
Hex	85ADAD
RGB	133, 173, 173
RGB Percent	52%, 68%, 68%
CMY	0.4778, 0.3209, 0.3209
CMYK	0.23, 0.00, 0.00, 0.32
HSL	180°, 20%, 60%
HSV	180°, 23%, 68%
XYZ	32.2310, 37.9720, 45.2477
YIQ	161.0400, -23.8400, -8.4800

Conversions

Conversions Part 2

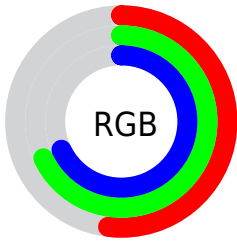
Format	Color
RYB	133, 153, 173
Decimal	8760749
CIELab	68.00, -13.40, -4.42
CIELCh	68, 14.109, 198.259
Yxy	37.9720, 0.2792, 0.3289
Android (android.graphics.Color)	4286950829 (0xFF85ADAD)
YUV	161.0400, 5.8963, -24.5911
Hunter-Lab	61.6215, -14.4735, -0.4007

Details

The CIELCh color **68, 14.109, 198.259** is a light color, and the websafe version is hex **669999**. A complement of this color would be **59, 16.415, 21.100**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 13.948, 198.495**, and **48, 14.257, 197.891** is the 20% darker color. If you saturate the color by 10%, you get **67, 19.483, 197.806**, and if you desaturate by 10%, it is **69, 8.248, 198.765**.

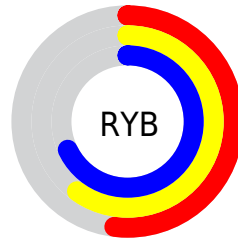
Distribution



Red (52%)

Green (68%)

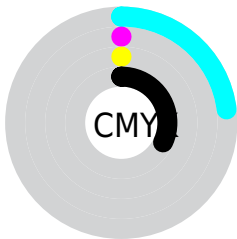
Blue (68%)



Red (52%)

Yellow (60%)

Blue (68%)

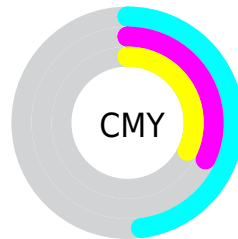


Cyan (23%)

Magenta (0%)

Yellow (0%)

Black (32%)



Cyan (48%)

Magenta (32%)

Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 14.109, 198.259 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 68, 14.109, 198.259 by changing the saturation by 10% instead.

 68, 14.109,
198.259


 68, 14.109,
198.259


 100, 14.109,
198.259


 58, 14.109,
198.259


 88, 14.109,
198.259

 48, 14.109,
198.259

 98, 14.109,
198.259

 38, 14.109,
198.259

 28, 14.109,
198.259

 18, 14.109,
198.259

 8, 14.109, 198.259

 0, 14.109, 198.259

68, 14.109,
198.259

68, 14.109,
198.259

67, 19.483,
197.806

69, 8.248, 198.765

66, 24.268,
197.417

70, 2.000, 199.478

72, 4.539, 19.680

66, 28.372,
197.089

73, 11.288, 20.328

65, 31.722,
196.825

75, 18.172, 20.946

77, 25.136, 21.567

65, 34.279,
196.626

79, 32.130, 22.189

64, 36.043,
196.489

79, 32.382, 22.210

79, 32.382, 22.209

64, 37.066,
196.410

64, 37.496,

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



68, 14.109, 198.259



59, 16.415, 21.100

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68, 14.109, 198.259



68, 14.109, 248.259



68, 14.109, 18.259



68, 14.109, 68.259

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



68, 14.110, 198.254



88, 5.524, 199.124



67, 26.819, 142.541



47, 3.580, 199.086



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



68, 14.110, 198.254



85, 20.716, 198.005



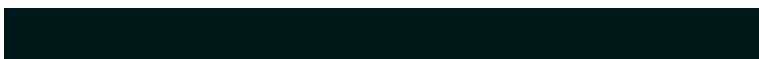
63, 12.838, 256.910



36, 3.603, 198.984



56, 33.809, 196.377



6, 7.801, 199.414

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



59, 16.415, 21.100



72, 25.066, 21.677



64, 13.733, 70.820



34, 3.818, 19.904



31, 69.980, 39.444



2, 7.802, 19.401

Previews

White Background



This preview shows how the CIELCh color 68, 14.109, 198.259 looks on a white background.

Color Contrast Check

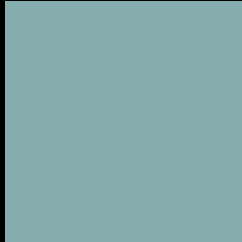
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 68, 14.109, 198.259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

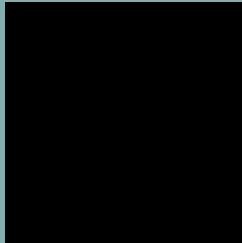
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

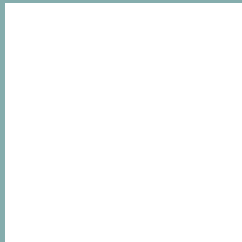
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 14.109, 198.259

Background



This preview shows how black text looks on a background with the CIELCh color 68, 14.109, 198.259.



This preview shows how white text looks on a background with the CIELCh color 68, 14.109, 198.259.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

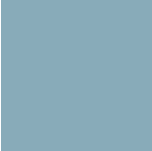
68, 14.109, 198.259

Protanopia

68, 2.497, 317.325

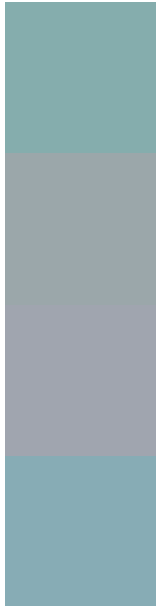
Deuteranopia

68, 10.711, 324.911



Tritanopia
68, 14.045, 232.096

Trichromacy



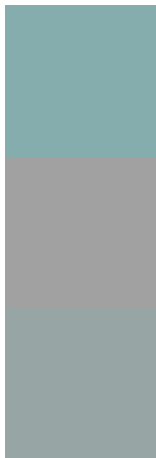
Original Color
68, 14.109, 198.259

Protanomaly
68, 4.693, 219.822

Deuteranomaly
68, 5.780, 272.258

Tritanomaly
68, 13.586, 219.980

Monochromacy



Original Color
68, 14.109, 198.259

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 5.197, 199.042

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 14.109, 198.259 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(133, 173, 173)` looks like.

```
.text, #text, p{  
    color:rgb(133, 173, 173)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(133, 173, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 173, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 14.109, 198.259 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(133, 173, 173) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(133, 173, 173) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(133, 173, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 173, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 173, 173);  
box-shadow:4px 4px 4px 4px rgb(133, 173,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 14.109, 198.259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 173, 173) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(133,  
173, 173) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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